

**NATIONAL PHASE
UTILITY APPLICATION
Transmittal to the (DO/EO/US)
Under 35 USC 371**

Attorney Docket No.: DMKISCH.004APC
First Named Inventor: Thomas Eugene Cloete 10/58
Int'l Application No.: PCT/IB2004/052653
Int'l Filing Date: December 3, 2004
Priority Date Claimed: December 5, 2003
Title: METHOD AND APPARATUS FOR MONITORING
BIOFILM FORMATION
Express Mail Label No.: EV 848542095 US

10/5815 | 12

Direct all correspondence to Customer No.: 20995

Date: June 1, 2006
Page 1 of 2

Mail Stop PCT
United States Patent and Trademark Office
P.O. Box 1450
Alexandria VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

Inventors:

1. Thomas Eugene Cloete 2. Stefanus Johannes Van Vuuren

APPLICATION ELEMENTS:

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) A copy of the International Application as published (35 U.S.C. § 371(c)(2)) is attached hereto.
- (X) An English translation of the International Application as filed is not required.
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been and will not be made.
- (X) International Search Report.

OTHER APPLICATION PARTS:

- (X) Preliminary Amendment in 5 pages.
- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
 - (X) Listing 2 references.
- (X) Return prepaid postcard.

10/581512

AP20 Rec'd PCT/PTO 01 JUN 2006

**NATIONAL PHASE
UTILITY APPLICATION
Transmittal to the (DO/EO/US)
Under 35 USC 371**

Attorney Docket No.: DMS-2004-0001
First Named Inventor: Thomas Eugene Cloete
Int'l Application No.: PCT/IB2004/052653
Int'l Filing Date: December 3, 2004
Priority Date Claimed: December 5, 2003
Title: METHOD AND APPARATUS FOR MONITORING
BIOFILM FORMATION
Express Mail Label No.: EV 848542095 US

Direct all correspondence to Customer No.: 20995

Date: June 1, 2006
Page 2 of 2

FILING FEES:

FEE CALCULATION			
FEE TYPE & DETERMINATION		LARGE FEE	CALCULATION
		TOTAL	
Basic Filing Fee under 1.492(a)		1631 (\$300)	\$300
Search Fee under 1.492(b) (<i>enter one in TOTAL column</i>)			
(1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)		1640 (\$0)	
(2) USPTO was the ISA (noncompliant claims)		1641 (\$100)	\$400
(3) Foreign Search Report Enclosed		1642 (\$400)	
(4) No Search Report Enclosed		1632 (\$500)	
Examination Fee under 1.492(c) (<i>enter one in TOTAL column</i>)			
(1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)		1643 (\$0)	\$200
(2) Non US IPEA or Noncompliant Claims		1633 (\$200)	
Excess Claims	20 - 20 = 0	1615 (\$50)	0 x 50 = \$0
Excess Ind. Claims	2 - 3 = 0	1614 (\$200)	0 x 200 = \$0
Multiple Dep. Claim		1616 (\$360)	\$360
Application Size Fee	19 - 100 = 0	1681 (\$250)	0 x 250 = \$0
Assignment		8021 (\$40)	0 x 40 = \$0
		TOTAL FEE DUE	\$1,260
		TOTAL FEE PAID (If Different Than Fee Due)	\$1,260

A check in the amount of **\$1,260** to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.



Andrew N. Merickel
Registration No. 53,317
Attorney of Record
Customer No. 20,995
(415) 954-4114

Knobbe Martens Olson & Bear LLP

Intellectual Property Law

10/581512

One Sansome Street
Suite 3500
San Francisco CA 94104
Tel 415-954-4114
Fax 415-954-4111
www.kmob.com

AP20 Rec'd PCT/PTO 01 JUN 2006

Andrew N. Merickel, Ph.D.
415-217-8396
americkel@kmob.com

MAIL STOP PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

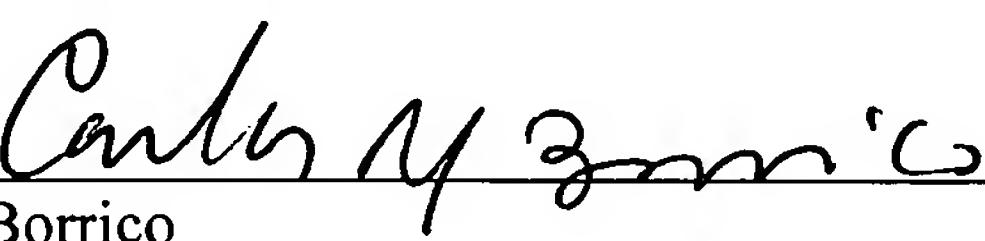
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : DMKISCH.004APC
Applicant(s) : Cloete et al.
For : METHOD AND APPARATUS FOR
MONITORING BIOFILM FORMATION
Attorney : Andrew N. Merickel
"Express Mail" Label No.: EV 848542095 US
Date of Deposit : June 1, 2006

I hereby certify that the accompanying

Transmittal letter; copy of International Application as published; International Search Report; Preliminary Amendment in 5 pages; Information Disclosure Statement, PTO Form PTO/SB/08 Equivalent listing 2 references; Check for Filing Fees; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Carlos Borrico

2645167_1
060106

Orange County
949-760-0404

San Diego
619-235-8550

Los Angeles
310-551-3450

Riverside
951-781-9231

San Luis Obispo
805-547-5580